



# NWS National Performance Measures

## FY 2003 – FY 2009



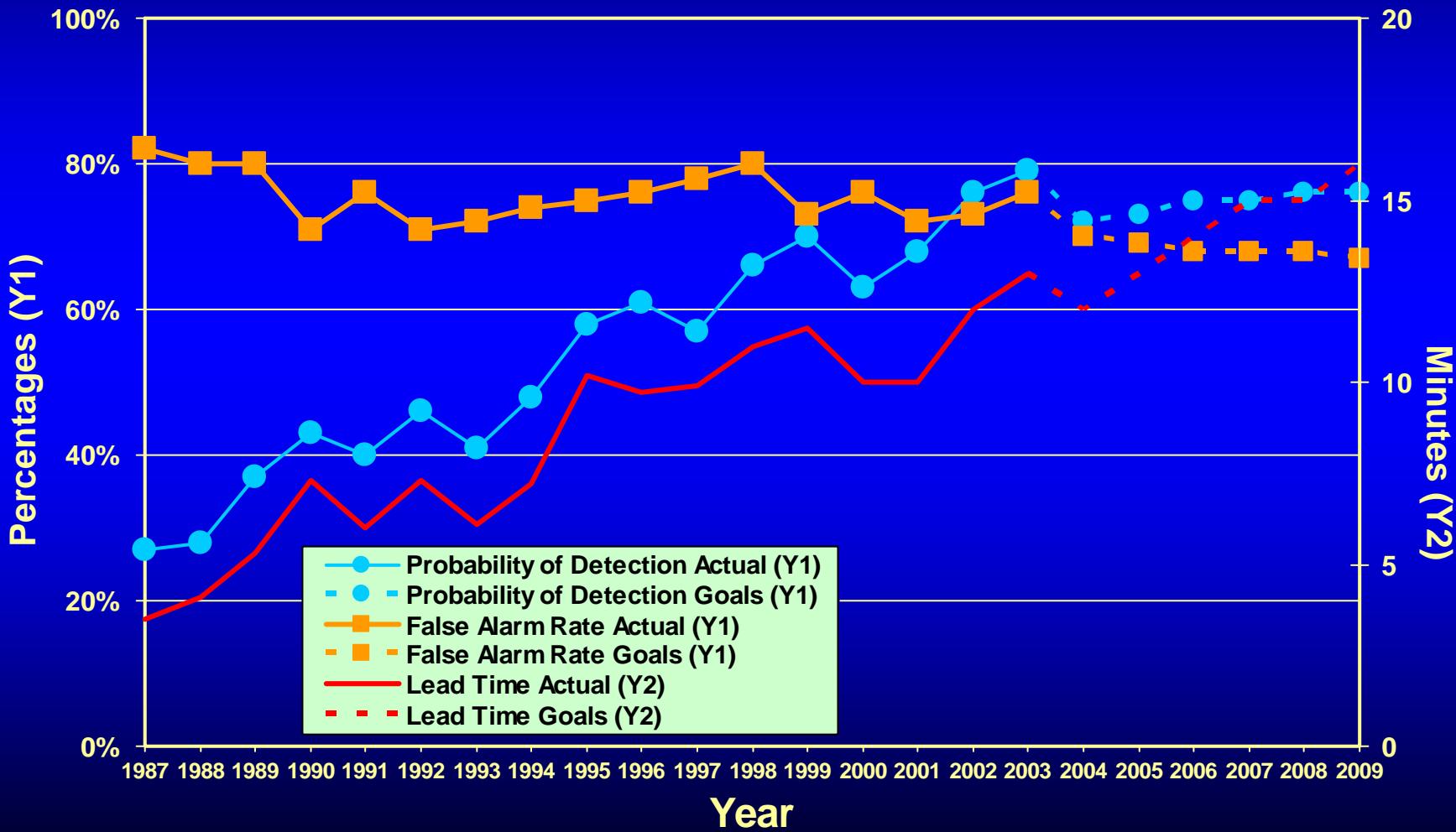
| Performance Measure                                                 | Actual<br>2003 | Goals |      |      |      |      |      |
|---------------------------------------------------------------------|----------------|-------|------|------|------|------|------|
|                                                                     |                | 2004  | 2005 | 2006 | 2007 | 2008 | 2009 |
| Tornado Warnings - Accuracy (%)                                     | 79             | 72    | 73   | 75   | 75   | 76   | 76   |
| Tornado Warnings - False Alarm Rate (%)                             | 76             | 70    | 69   | 68   | 68   | 68   | 67   |
| Tornado Warnings - Lead Time (Min)                                  | 13             | 12    | 13   | 14   | 15   | 15   | 16   |
| Flash Flood Warnings - Accuracy (%)                                 | 89             | 88    | 89   | 90   | 90   | 90   | 91   |
| Flash Flood Warnings - Lead Time (Min)                              | 41             | 50    | 53   | 56   | 58   | 58   | 59   |
| Winter Storm Warnings - Accuracy (%)                                | 90             | 89    | 90   | 90   | 90   | 90   | 91   |
| Winter Storm Warnings - Lead Time (Hours)                           | 14             | 14    | 15   | 15   | 15   | 15   | 16   |
| Hurricane Track Forecasts (48 Hours)                                | 107            | 129   | 128  | 128  | 126  | 126  | 125  |
| Aviation Forecasts (Ceiling & Visibility) - Accuracy (%)            | 48             | 46    | 46   | 48   | 50   | 52   | 55   |
| Aviation Forecasts - (Ceiling & Visibility)<br>False Alarm Rate (%) | 64             | 70    | 68   | 68   | 67   | 66   | 65   |
| U.S. Seasonal Temperature - Skill                                   | 17             | 21    | 22   | 22   | 23   | 23   | 24   |
| Precipitation Forecast – Day-1 Threat Score (%)                     | 29             | 25    | 27   | 28   | 29   | 28   | 29   |
| Marine Wind Speed Forecasts - Accuracy (%)                          | 57             | 57    | 60   | 63   | 66   | 68   | 69   |
| Marine Wave Height Forecasts - Accuracy (%)                         | 71             | 69    | 72   | 75   | 78   | 80   | 81   |

**Government Performance and Results Act (GPRA) Goals**

**"Working Together to Save Lives"**

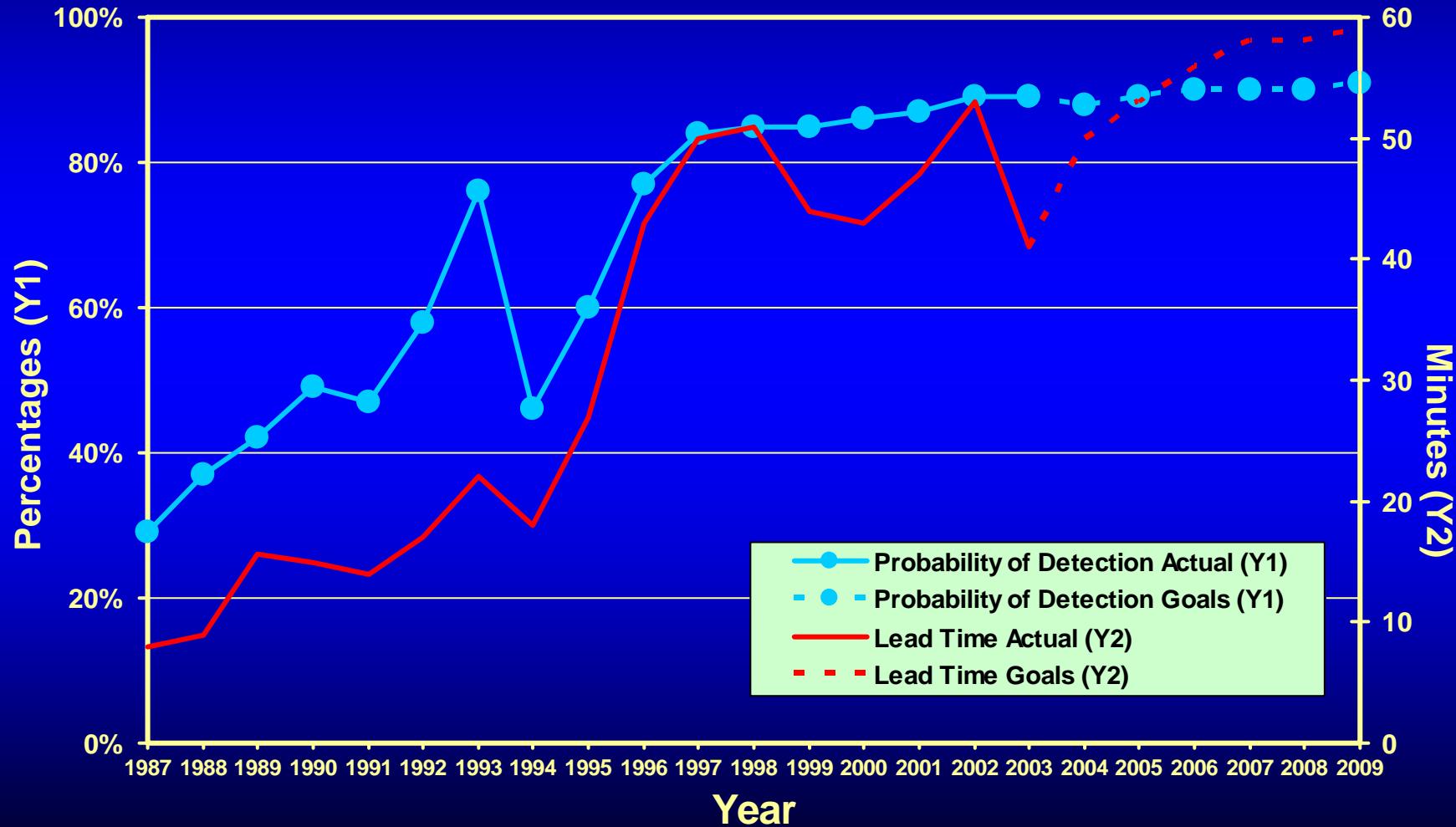


# Tornado Warnings



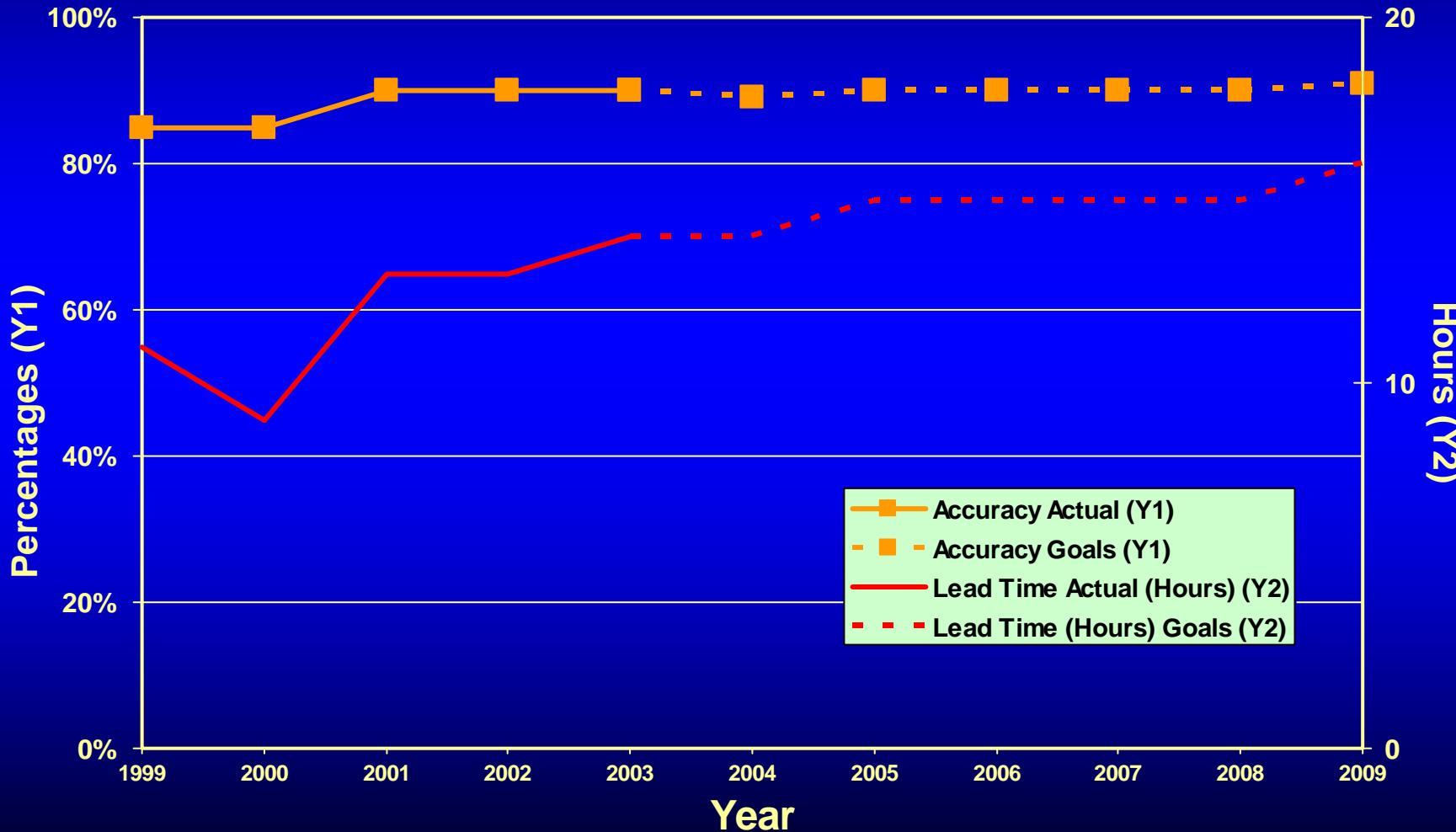


# Flash Flood Warnings



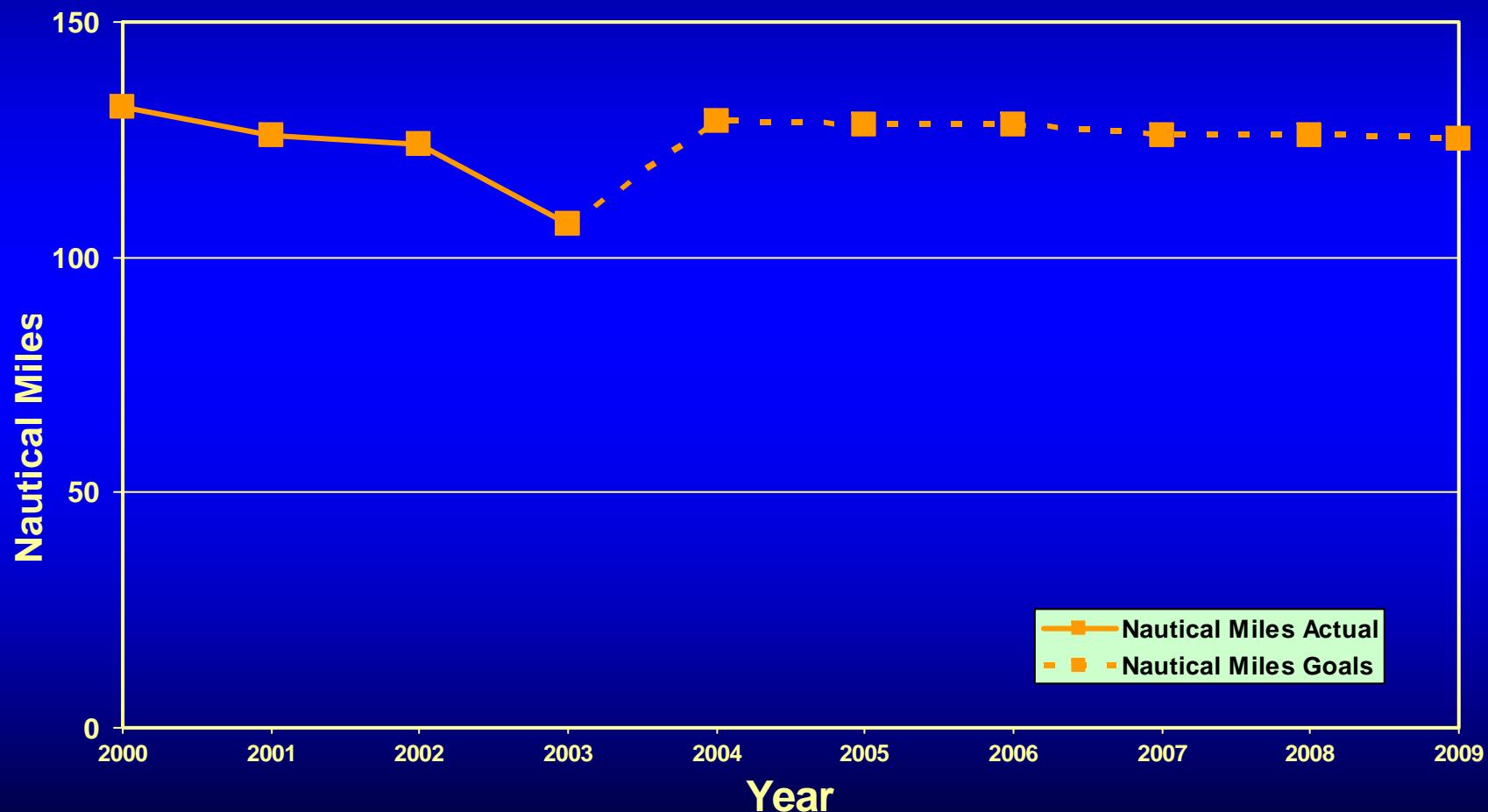


# Winter Storm Warnings





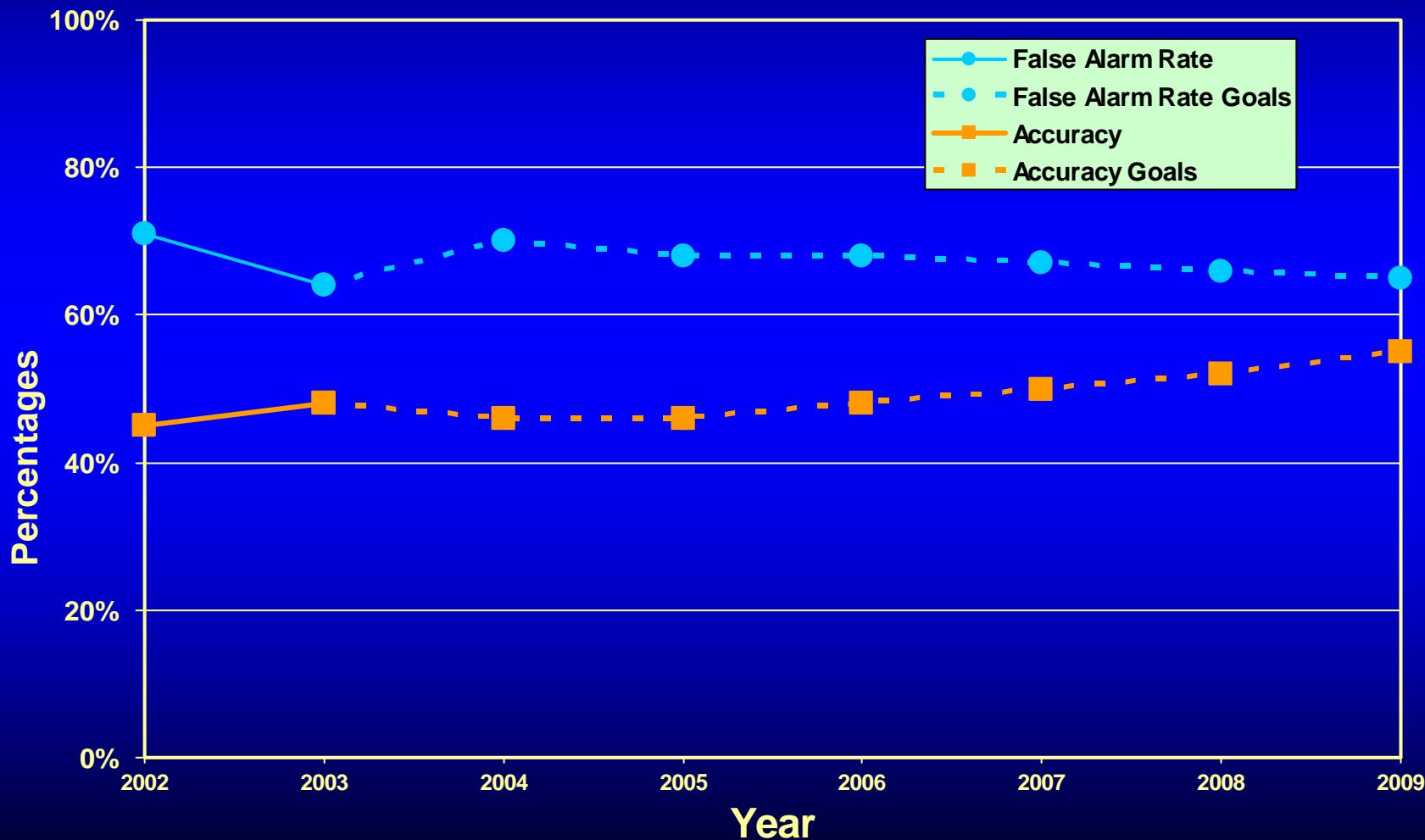
# Hurricane Track Forecasts (48Hrs)





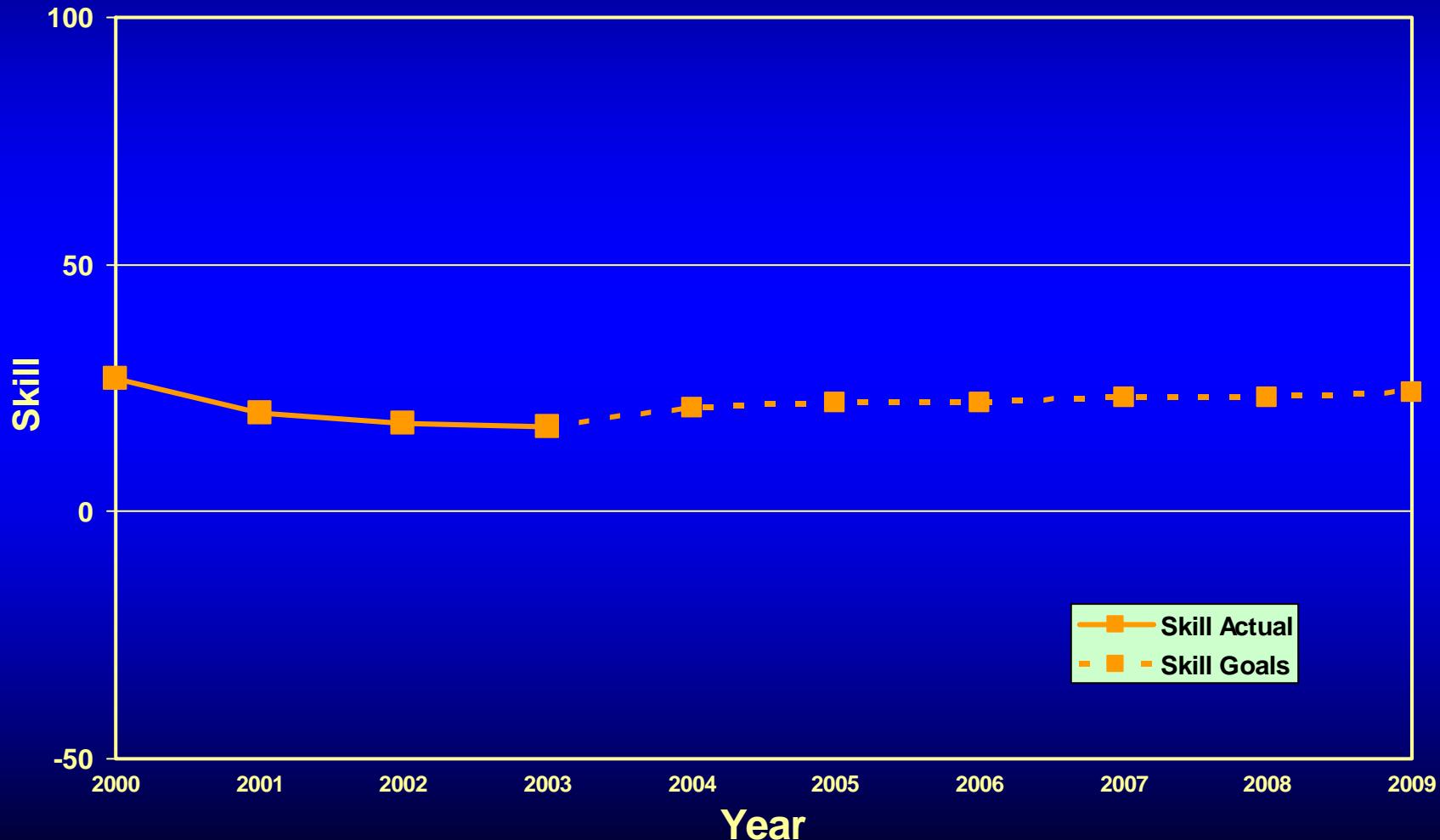
# Aviation Forecasts

## (Ceiling/Visibility Forecast 3 Mile/1000 ft.)





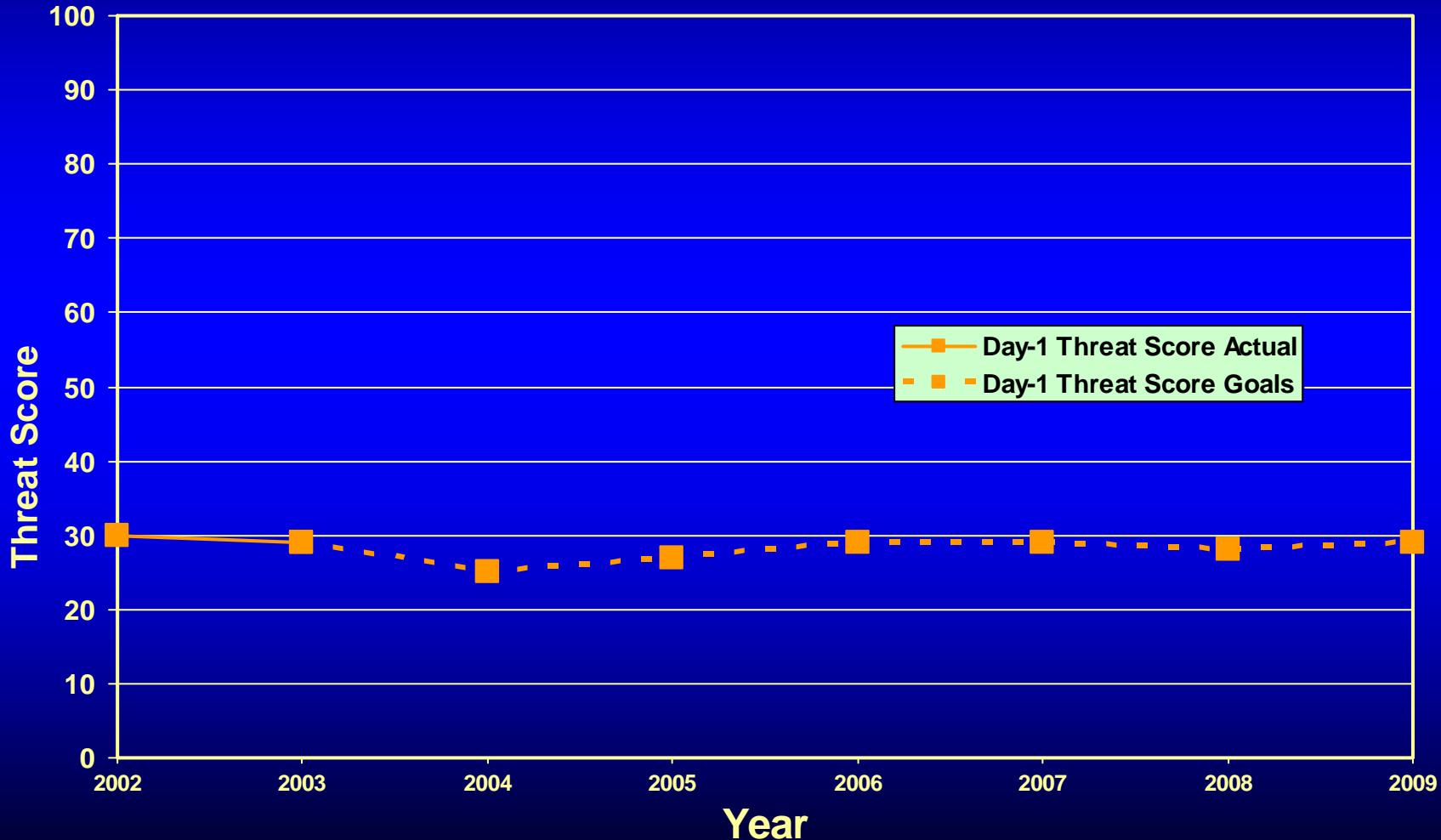
# U.S. Seasonal Temperature - Skill

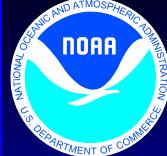




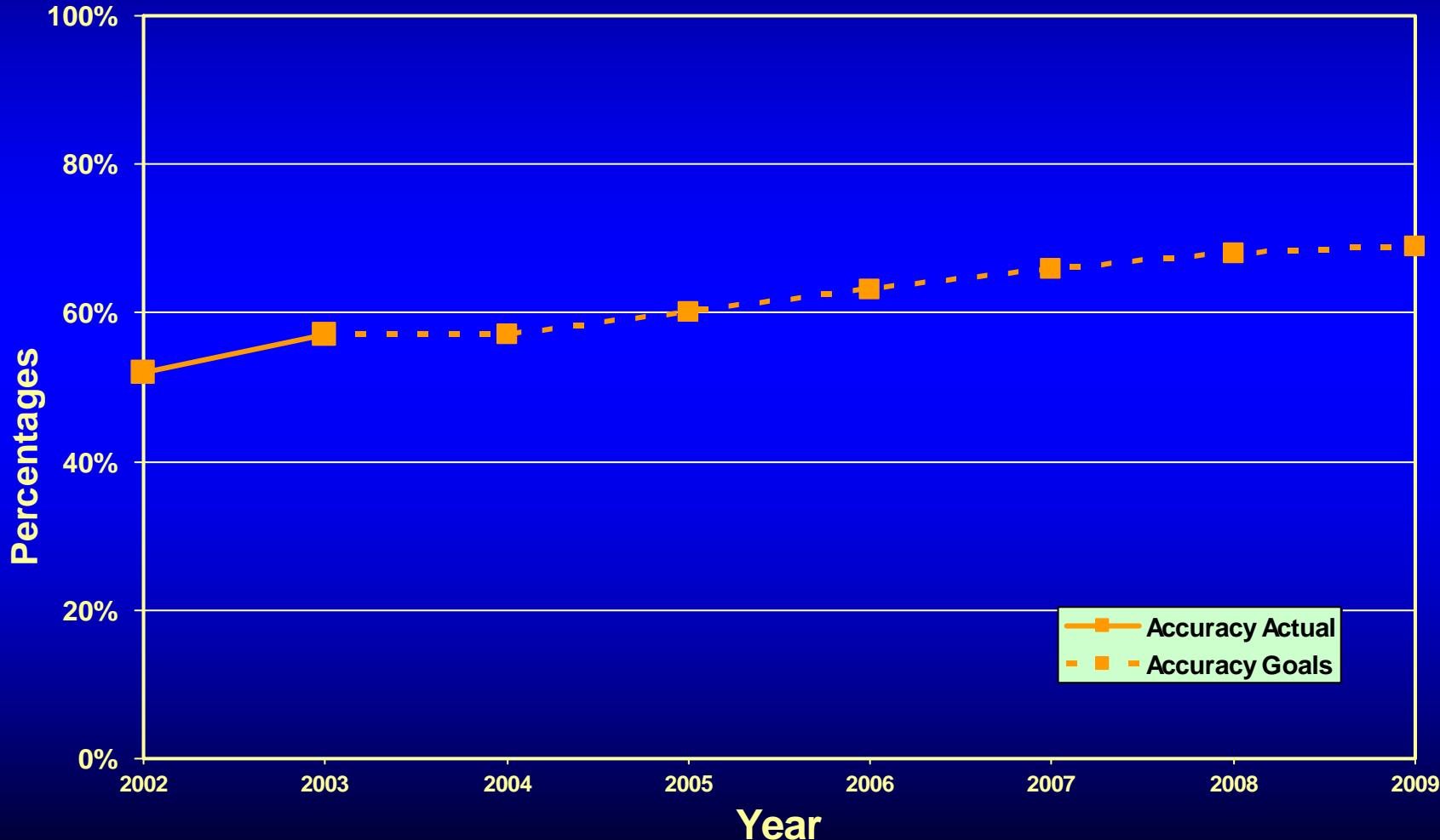
# Precipitation Forecast

## (Day-1 Threat Score)





# Marine Wind Speed Forecasts





# Marine Wave Height Forecasts

